

Rajnikant Narayana Manne

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Objective

To have a growth-oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and team work. I being the dedicated and obedient player am ready to strive hard to meet the institutional requirements effectively. The best part of mine is being loyal and honest to myself which I can use for the development of project of a company.

Education

Grade 10- 83.64% (SSC | May 2012 | Lokmanya Tilak High School | MSBSHSE)

Grade 12- 70.62% (HSC | May 2014 | KJ Somaiya College of Science and Commerce | MSBSHSE)

Degree in Mechanical Engineering – 6.39 CGPA (B.E | Appeared in 2018 | Pillai College of Engineering | Mumbai University)

Industrial Exposure

Industrial Visit to Deepak Fertilizer, Navi Mumbai

Gained knowledge about basic components of boilers and some safety equipment in a factory.

Projects

2017 – Design of Weight Lifting Wind Turbine

Designed the model of weight lifting windmill which lifted a weight of about 750gms.

2017 – Design of Single Axis Shaker Table

Reciprocating type (Y-axis) of shaker table was designed and fabricated. The amplitude was set to 1 cm and frequency was varied using potentiometer. Sinusoidal waveform was studied using accelerometer and DAQ (Data Acquisition System).

2018 – Design and Optimization of Pot-in-Pot Refrigerator

Developed the refrigerating device which works on evaporative cooling principle and does not consume electricity. The idea of increasing the surface area using different filler alternatives (especially charcoal) was efficient than sand, manufactured at cheap price comparatively.

Softwares Known

Solidworks and Autocad

Non-Academic Profile/Achievements

- Published journal paper at IJRASET (International Journal for Research in Applied Science & Engineering Technology) with paper id: *IJRASET17138* entitled "*Design & Optimization of Pot-in-Pot refrigerator*" in Volume 6, Issue V, May 2018.
- Pbl model of shaker table was selected for campus exhibition
- Won in chess competition at school & college level

Languages known

- **English**
Read 5/5 Write 4/5 Speak 4/5
 - **Hindi**
Read 5/5 Write 4/5 Speak 5/5
 - **Marathi**
Read 5/5 Write 3/5 Speak 3/5
 - **Telugu**
Read 1/5 Write 1/5 Speak 3/5
- 5 being the highest**

Areas of Interest

- Machine Design
- Automobile
- Refrigeration

Hobbies

- Sports (especially Chess, Cricket)
- Entertainment (Movies)